



#3  
S.I  
10-15-03

2644

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Re: Attorney Docket No. Baumgarte 1-6-8

In re application of: Frank Baumgarte, Jianshu Chen, and Christof Faller

Serial No.: 10/045,458

Group No.: 2644

Filed: 11/07/01

Examiner: Not yet assigned

Matter No.: 992.1013

Phone No.: Not yet assigned

For: Backwards-Compatible Perceptual Coding of Spatial Cues

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

OCT 07 2003

Technology Center 2600

Dear Sir:

In accordance with 37 CFR § 1.56, this is an Information Disclosure Statement (IDS) for the above-captioned U.S. patent application. An IDS Form PTO-1449 listing references is enclosed herewith and forms a part hereof.

Certification Under 37 CFR § 1.704(d)

- [ ] Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this statement.

Certification Under 37 CFR § 1.97(e)

- [ ] Each item of information contained in this statement was either (1) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement or (2) not known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

\* \* \* \* \*

Certification Under 37 CFR 1.8

Date of Deposit 9/30/03

I hereby certify that this paper and any accompanying papers or fees are being deposited with the U.S. Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gerry Marrero  
(Name of person mailing)

Gerry Marrero  
(Signature of person mailing)

Fee Under 37 CFR § 1.97(c)

☐ The fee for submission of this IDS under § 1.97(c) is \$180.00 as set forth in § 1.17(p).

Petition Under 37 CFR § 1.97(d)

☐ This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee for submission of this IDS under § 1.97(d) is \$130.00 as set forth in § 1.17(i).

Provision of Copies of References

☒ A copy of each of the listed references is enclosed herewith and forms a part hereof.

☐ A translation of each of Reference(s) \_\_\_ is enclosed herewith and forms a part hereof.

☐ A copy of the International Search Report from a corresponding PCT application is enclosed herewith.

☐ A copy of the European Search Report from a corresponding EPO application is enclosed herewith.

☐ The above-captioned U.S. patent application is a

- ☐ continuation
- ☐ divisional
- ☐ continuation-in-part

application of U.S. application serial number \_\_\_\_, filed on \_\_\_\_ as Attorney Docket No. \_\_\_\_.  
Each of the listed references was previously cited by or submitted to the Office in the prior application. The above-captioned U.S. patent application relies upon the prior application for an earlier filing date under 35 U.S.C. 120. Pursuant to § 1.98(d), copies of the listed references are not being provided with this IDS.

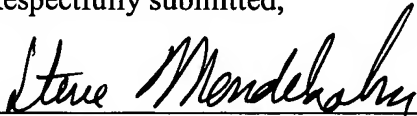
Authorization To Charge Deposit Account

☒ Authorization is given to charge **Mendelsohn & Associates, P.C. Deposit Account No. 50-0782** for any fee under § 1.97(c) and § 1.17(p) or under § 1.97(d) and § 1.17(i).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 form as confirmation that each of the documents has been considered.

Respectfully submitted,

Date: 9/30/03  
Customer No. 22186  
Mendelsohn & Associates, P.C.  
1515 Market Street, Suite 715  
Philadelphia, Pennsylvania 19102

  
Steve Mendelsohn  
Registration No. 35,951  
Attorney for Applicant  
(215) 557-6657

Enclosures

(Use several sheets if necessary)

10/045,458

FILING DATE

11/07/01

2644

U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BIBLIOGRAPHIC REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
	AB	"3D Audio and Acoustic Environment Modeling" by William G. Gardner, HeadWize Technical Paper, January 2001, pp. 1-11.
	AC	"Responding to One of Two Simultaneous Message", by Walter Spieth et al., The Journal of the Acoustical Society of America, Volume 26, Number 3, May 1954, pp. 391-396.
	AD	"A Speech Corpus for Multitalker Communications Research", by Robert S. Bolia, et al., J. Acoust. Soc., Am., Vol. 107, No. 2, February 2000, pp. 1065-1066.
	AE	"Synthesized Stereo Combined with Acoustic Echo Cancellation for Desktop Conferencing", by Jacob Benesty et al., Bell Labs Technical Journal, July-September 1998, pp. 148-158.
	AF	"The Role of Perceived Spatial Separation in the Unmasking of Speech", by Richard Freyman et al., J. Acoust. Soc., Am., Vol. 106, No. 6, December 1999, pp. 3578-3588.

EXAMINER	DATE CONSIDERED
----------	-----------------

992,1013

(Form PTO-1449)